

Application Serial No.: 10/669,552  
Reply to Office Action dated December 21, 2006



IN THE CLAIMS

Please amend the claims as follows:

1. (Canceled)

2. (Currently Amended) An electronic component mounting apparatus wherein a board transfer device is provided for transferring circuit boards and wherein a pair of component supply devices are arranged with said board transfer device therebetween for supplying electronic components to be mounted on said the boards, said apparatus comprising:

designation means for designating one of said component supply devices as a main component supply device for primarily supplying said the components and the said other component supply device as a secondary component supply device for supplying said the components while the component supply from said main component supply device is discontinued; and

switching control means for performing a switching control so that said the components are supplied from said main component supply device during an ordinary mounting operation, but and the components are supplied from said secondary component supply device when the component supply from said main component supply device is discontinued,

wherein said switching control means discontinues and so that after the replenishment of said main component supply device with said components is completed, the supply of said component supply from said secondary component supply device and resumes the component supply is resumed from said main component supply device when said main component

supply device is replenished irrespective of said components being left in said secondary component supply device.

3. (Currently Amended) An electronic component mounting apparatus wherein a board transfer device is provided for transferring circuit boards along a pair of board guide rails on of which serves as a fixed reference guide rail and the other of which serves as a movable guide rail for adjustment of a width between the pair of board guide rails and wherein a pair of component supply devices are arranged with said board transfer device therebetween for supplying electronic components to be mounted on said the boards, said apparatus comprising:

designation means for designating one of said component supply devices arranged close to said reference guide rail as a main component supply device for primarily supplying said the components and the said other component supply device as a secondary component supply device for supplying said the components while the component supply from said main component supply device is discontinued; and

switching control means for performing a switching control so that said the components are supplied from said main component supply device during an ordinary mounting operation, but and the components are supplied from said secondary component supply device when the component supply from said main component supply device is discontinued,

wherein said switching control means discontinues and so that after the replenishment of said main component supply device with said components is completed, the supply of said component supply from said secondary component supply device and resumes the component

supply is resumed from said main component supply device when said main component supply device is replenished irrespective of said components being left in said secondary component supply device.

4. (Currently Amended) An electronic component mounting apparatus wherein a board transfer device is provided for transferring circuit boards and wherein a pair of component supply devices are arranged with said board transfer device therebetween for supplying electronic components to be mounted on said the boards, said apparatus comprising:

    a component rack for storing said the components to be replenished to said component supply devices and arranged close to one of said component supply devices for easier replenishment thereof with said the components;

    designation means for designating one of said component supply devices arranged close to said component rack as a main component supply device for primarily supplying said the components and the said other component supply device as a secondary component supply device for supplying said the components while the component supply from said main component supply device is discontinued; and

    switching control means for performing a switching control so that said the components are supplied from said main component supply device during an ordinary mounting operation, but and the components are supplied from said secondary component supply device when whenever the component supply from said main component supply device is discontinued,

wherein said switching control means discontinues and so that after the replenishment

~~of said main component supply device with said components is completed, the supply of said component supply from said secondary component supply device and resumes the component supply is resumed~~ from said main component supply device when said main component supply device is replenished irrespective of said components being left in said secondary component supply device.

5. (Currently Amended) The apparatus as claimed in claim 2, wherein said main component supply device has set therein electronic components which are necessary to be mounted on said the boards and wherein said secondary component supply device has set therein electronic components which are necessary to be mounted on said the boards and which are the same as those set in said main component supply device, said apparatus further comprising:

mounting means for mounting said the components on said the boards by supplying said the components from said main component supply device during said ordinary mounting operation, but from said secondary component supply device when the component supply from said main component supply device is discontinued.

6. (Withdrawn – Currently Amended) The apparatus as claimed in claim 2, wherein said main component supply device has set therein electronic components which are necessary to be mounted on first boards and wherein said secondary component supply device has set therein electronic components which are necessary to be mounted on second boards different from said the first boards, said apparatus further comprising:

mounting means for mounting said the components on said the first boards from said main component supply device during said ordinary mounting operation, but mounting said

the components on said the second boards from said secondary component supply device when the component supply from said main component supply device is discontinued.

7. (Withdrawn – Currently Amended) The apparatus as claimed in claim 2, wherein said main component supply device has set therein electronic components which are necessary to be mounted on first boards and wherein said secondary component supply device has set therein electronic components which are necessary to be mounted on second boards different from said the first boards, said apparatus further comprising:

mounting means for terminating the production of said the first boards when it is confirmed by reference to a production schedule that the production of said the first boards to a scheduled number has been completed, and instead, for initiating the production of said the second boards.

8. (Withdrawn – Currently Amended) The apparatus as claimed in claim 2, wherein said main component supply device has set therein electronic components which are necessary to be mounted on first boards and which are used in higher frequencies and wherein said secondary component supply device has set therein electronic components which are necessary to be mounted on said the first boards and which are used in lower frequencies differently from those set in said main component supply device.

9. (Withdrawn – Currently Amended) The apparatus as set forth in claim 2, further comprising:

moving means for moving said board transfer device close to said secondary component supply device in supplying said the components from said secondary component supply device after the component supply from said main component supply device is

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discontinued.

10. (Canceled)